



Crop Progress and Condition



National Agricultural Statistics Service

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ALASKA: There were 5.5 days suitable for fieldwork last week. Topsoil moisture supplies were reported as 100% adequate. Subsoil moisture supplies were also reported as 100% adequate. Barley was reported as 20% turning color. Oats were reported as 75% in dough. First cutting of hay was 85% complete. Condition of barley was reported 5% poor, 30% fair, 40% good, 25% excellent. Condition of oats was reported as 15% poor, 35% fair, 35% good, 15% excellent. Condition of all hay was reported 25% fair, 55% good, 20% excellent. Condition of potatoes was reported 65% good, 35% excellent. Condition of pasture was reported 15% fair, 65% good, 20% excellent. Wind and rain damage to crops was reported as 95% none, 5% light. The main farm activities for the week were harvesting hay and grass seed, weed control, irrigating, farm maintenance.

CROP WEATHER SUMMARY

July 28 – August 3, 2014

Days Suitable for Fieldwork: 5.5

Crop	Topsoil Moisture	Subsoil Moisture
Very Short	0%	0%
Short	0%	0%
Adequate	100%	100%
Surplus	0%	0%
Pan Evaporation ^{1/} UAF-AFES, Trunk Rd		0.31

TANANA VALLEY: An average of 5.0 days was suitable for fieldwork. Topsoil moisture supplies were reported as 100% adequate. Subsoil moisture supplies were also 100% adequate. Barley was reported as 20% turning color. Oats were reported as 80% in dough. First cutting of hay was 85% complete. Condition of barley was reported 5% poor, 30% fair, 40% good, 25% excellent. Condition of oats was reported 20% poor, 30% fair, 30% good, 20% excellent. Condition of all hay was reported as 10% fair, 50% good, 40% excellent. Condition of potatoes was reported 60% good, 40% excellent. Wind and rain damage to crops was reported as 95% none, 5% moderate. Farm activities for the week included harvesting hay and grass seed, summer fallow tillage, weed spraying, CRP maintenance. Cooler, rainy conditions are slowing hay harvest and development of garden crops.

MATANUSKA VALLEY: An average of 6.0 days was suitable for fieldwork. Topsoil moisture was reported as 95% adequate, 5% surplus. Subsoil moisture was reported as 100% adequate. First cutting of hay was 85% complete. Condition of all hay was reported as 40% fair, 55% good, 5% excellent. Condition of potatoes was reported 70% good, 30% excellent. Wind and rain damage to crops was reported as 95% none, 5% light. Farm activities for the week included harvesting hay, vegetables and grass seed, cultivation, weed control, irrigation, farm maintenance.

KENAI PENINSULA: An average of 6.0 days was suitable for fieldwork. Topsoil and subsoil moisture were both reported as 100% adequate. First cutting of hay was reported as 85% complete. Condition of all hay was reported as 100% good. No damage to crops from wind and rain was reported. Farm activities for the week included harvesting hay, farm maintenance.

Soil Temperatures (F °) at 4 inch depth

	Grass			Fallow land			Temperature		Precipitation (inches)
	2014	2013	2012	2014	2013	2012	High	Low	
UAF-AFES, Trunk Rd	62	61	na	60	61	na	74	45	0.17
Sawmill Creek	54	58	54	na	na	na	73	38	0.31
Plant Materials Center	50	65	54	na	62	53	73*	42*	0.19*

*Data only available for 7/28 – 8/1

^{1/} Pan evaporation is an indirect estimation of evapotranspiration or consumptive water use by plants. For purposes of watering or irrigation of plants, it is a good indicator of climatic effects on water use by crops. A positive reading indicates that evaporation exceeded precipitation. na – not available.

Weekly Weather Statistics — Alaska: July 28 - August 3, 2014

Weather station	Air temperature				Last week precipitation		Season cumulative precipitation			Growing degree days		
	Hi	Low	AVG	DFN	Total inches	Days	Total inches	DFN	Days	Base 50		Base 40
										Total	DFN	Total
Fairbanks International.....	76	45	60	-1	1.04	2	10.28	+6.37	33	684	-71	1,581
Fairbanks-Eielson	77	37	56	-5	1.42	2	8.24	+3.34	24	478	-234	1,306
Nenana	78	41	58	-2	0.90	3	11.26	+7.62	35	519	-128	1,371
Fort Greely-Allen	75	40	56	-3	0.30	3	7.02	+0.86	36	466	-186	1,310
Healy River Airport	72	43	56	-3	0.84	4	6.14	+0.19	48	377	-147	1,216
Gulkana Airport	73	36	58	+2	0.21	1	4.45	+0.32	26	303	-47	1,168
Sutton	70	45	57	+1	0.38	4	6.78	+1.98	48	310	-43	1,186
Palmer	73	44	60	+2	0.06	1	4.74	+0.50	27	510	+41	1,439
Talkeetna	78	41	58	+0	0.24	1	6.83	-0.85	34	482	+1	1,379
Willow Airport	74	48	60	+2	0.39	2	6.62	+2.96	43	555	+101	1,486
Anchorage International	74	51	60	+3	0.52	1	6.66	+2.96	30	583	+125	1,515
Kenai	70	39	57	+2	0.63	1	6.24	+2.24	35	266	+19	1,083
Homer	72	45	57	+3	0.59	4	4.13	+0.47	35	354	+147	1,256
Kodiak	72	46	58	+3	0.73	3	10.36	-5.81	31	338	+132	1,196

Summary based on NWS data.

DFN=Departure from normal.

Precipitation days=Days with precipitation of 0.01 inch or more.

Season cumulative precipitation total starts May 1, 2014.

For more weather information visit www.awis.com or call 1-888-798-9955.

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